

FIG. 2

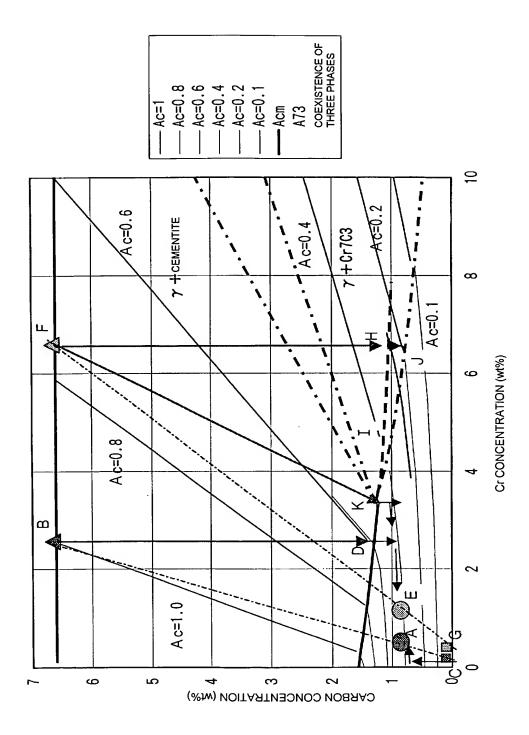


FIG. 3

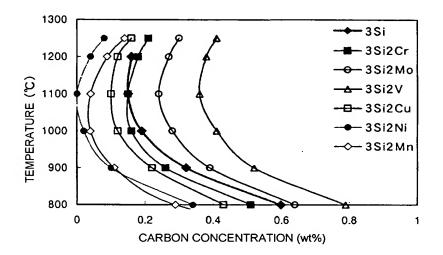
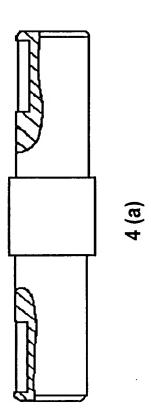
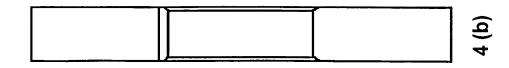
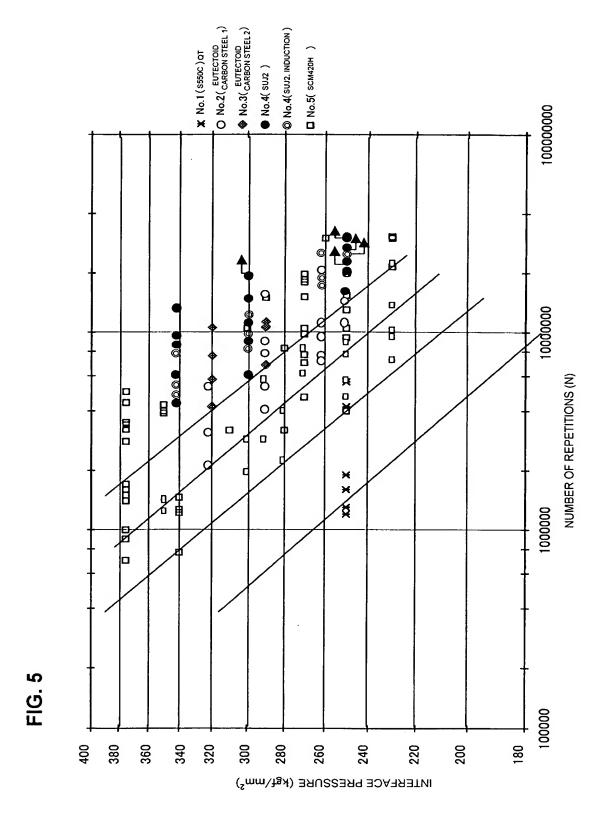


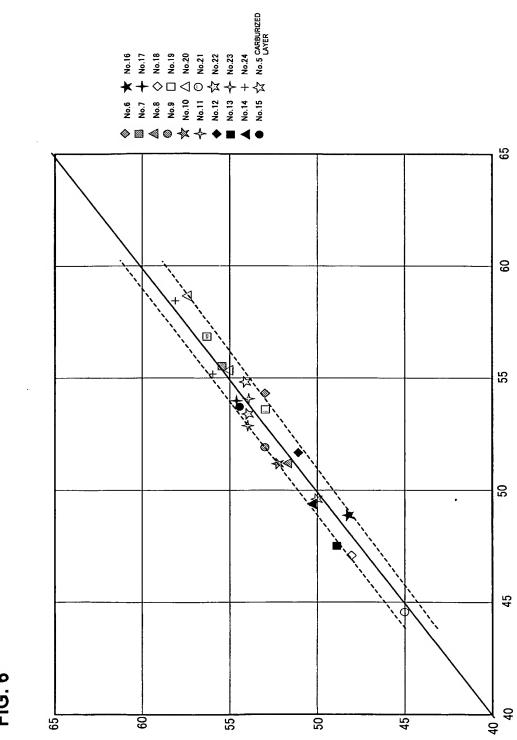
FIG. 4







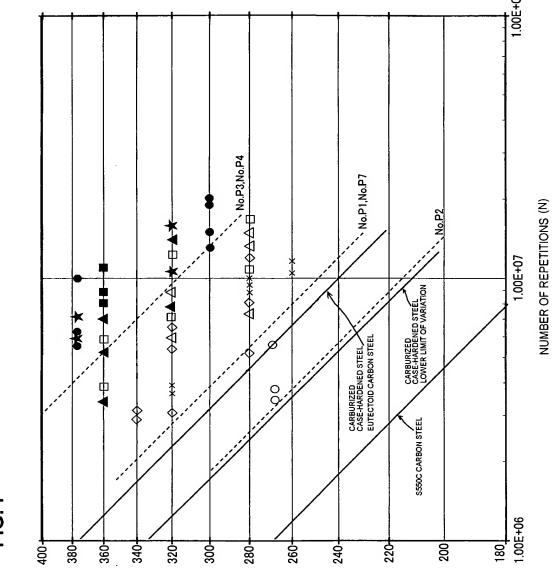




CALCULATED HARDNESS (HRC)

MEASURED HARDNESS (HRC)





INTERFACE PRESSURE ($k_{\rm g} {\rm f}/{\rm mm}^{\rm s}$)

FIG. 8

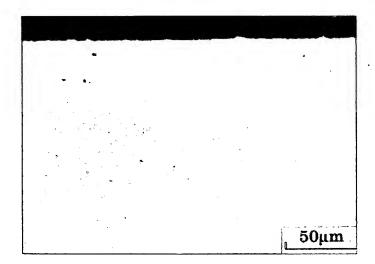
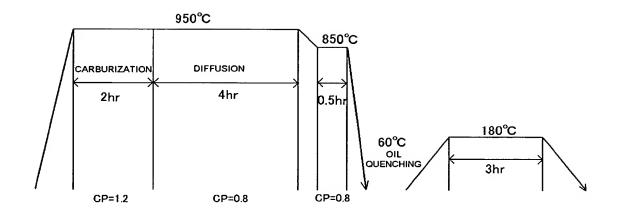
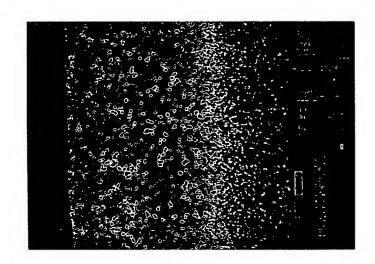


FIG. 9



No.62 No.63 GCQT NUMBER OF REPETITIONS (N) CARBURIZED
CASE-HARDENED STEEL
LOWER LIMIT OF VARIATION CARBURIZED
CASE-HARDENED STEEL
EUTECTOID CARBON STEEL S550C CARBON STEEL FIG. 10 220 300 280 200 360 260-240-380-INTERFACE PRESSURE $(k_{\rm gf}/mm^2)$

FIG. 11



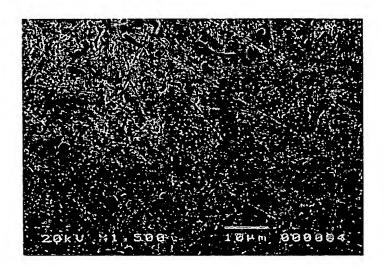


FIG. 13

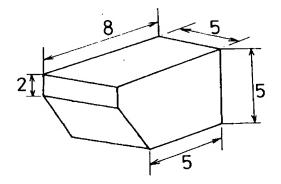
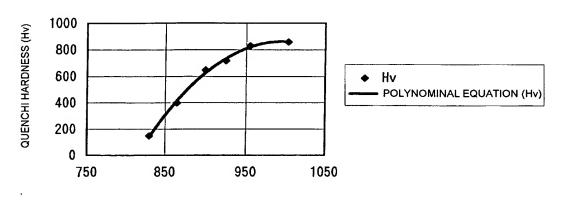
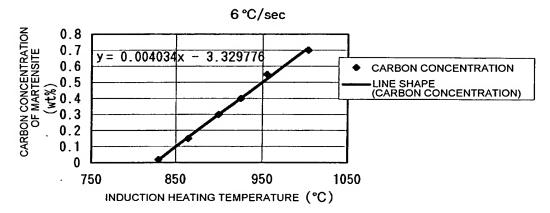


FIG. 14



14 (a)



14 (b)

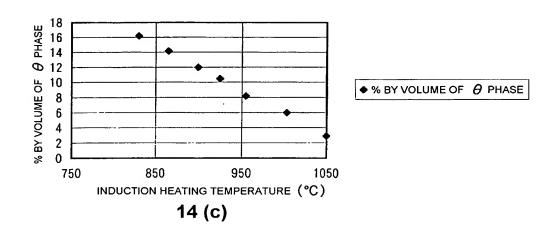
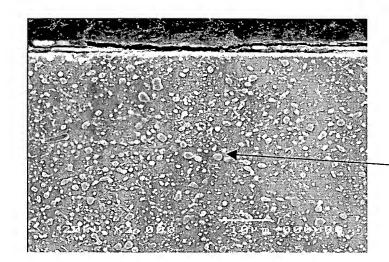


FIG. 15



_GRANULAR CEMENTITE 8.8wt% Cr

FIG. 16

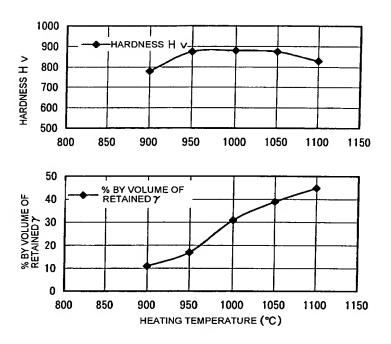
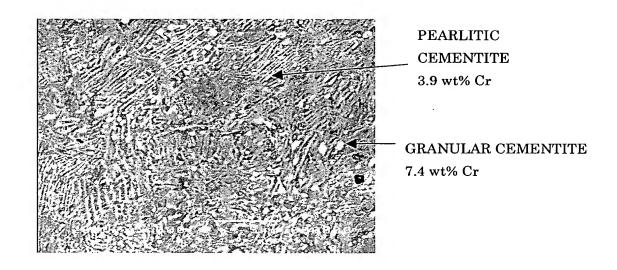
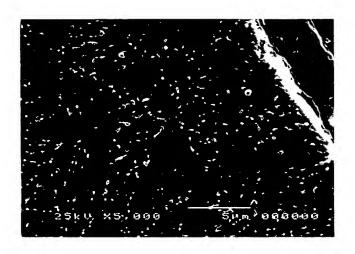


FIG. 17





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